

# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

## TABLE I Water Treatment Method and Losses

Treatment Plant Name:

\_\_\_\_\_

Service Area(s) (Table F & G)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Treatment Method

\_\_\_\_\_

Plant Capacity

\_\_\_\_\_

Maximum TDS or Chloride  
in Raw Water Being Treated

\_\_\_\_\_

Maximum TDS or Chloride  
Limit of Treatment Method

\_\_\_\_\_

Reject Discharge Point

\_\_\_\_\_

Chloride Concentration of

Reject Water

\_\_\_\_\_

Receiving Water

\_\_\_\_\_

\_\_\_\_\_

System Efficiency Losses (%)

Wellfield to Treatment Plant

\_\_\_\_\_

Treatment Loss

\_\_\_\_\_

Other In-Plant Loss

\_\_\_\_\_

Distribution System Loss

\_\_\_\_\_

Other (specify)

\_\_\_\_\_

Other (specify)

\_\_\_\_\_

Other (specify)

\_\_\_\_\_

Other (specify)

\_\_\_\_\_

Cumulative System Loss

\_\_\_\_\_

If applicable, please submit a copy of the approval letter from the Department of Environmental Protection for the discharge of reject water resulting from the treatment process.

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## Instructions for Completing TABLE I, Water Treatment Method and Losses

Allocation is determined based on both the reasonable-beneficial need for water for the use intended and upon all the various losses that can occur between the point of water withdrawal and the point of water use. This form provides information about and description of the various losses that occur during water treatment and transportation.

**Treatment Plant Name:** *This is your designation of the treatment plant; if we contact you, this is what you would recognize it as.*

**Service Area(s):** *Name(s) of service areas identified in Table F & G (if applicable) served by this treatment plant*

**Treatment Method:** *Method used to treat the water to potable standards. Typical choices are:*

Reverse Osmosis

Membrane softening

Lime Softening

Other (specify)

**Plant Capacity:** *Maximum sustained output capacity of treated water (million gallons per day)*

**Maximum TDS or Chloride in Raw Water Being Treated:** *For treatment systems using source water with chloride ion concentration in excess of 250 mg/l, the highest level of either total dissolved solids or chloride ion concentration of the source water. Please indicate whether this value is measured or estimated.*

**Maximum TDS or Chloride Limit of Treatment Method:** *For treatment systems using source water with chloride ion concentration in excess of 250 mg/l, the highest level of either total dissolved solids or chloride ion concentration the treatment system can process. Please indicate whether this value is measured or estimated.*

**Reject Discharged Point:** *If the treatment process produces reject water, indicate where that water is discharged.*

**Chloride Concentration:** *Please provide the chloride ion concentration of both the reject water and the receiving source.*

**System Efficiency Losses:** *Please indicate the percentage of water lost between the water source and the consumer, by category. This may include, but is not limited to, losses between production wells and the treatment plant, losses due to water treatment technology, other in-plant losses such as maintenance and washing, distribution system losses, and any other losses you have identified.*

**Cumulative System Loss:** *Please calculate the cumulative efficiency loss representing the component losses identified previously.*